

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		"271"/\$.ccls. and (square near4 in\$)	US-PGPUB; USPAT	OR	ON	2006/04/24 11:30
		"83"/\$.ccls. and stripper and (elastic or rubber) and cone)	US-PGPUB; USPAT	OR	ON	2003/04/10 11:21
		"83"/\$.ccls. and (rotary same die) and ((strip\$4 or blank\$4 or removal or eject\$4) same (waste or scrap))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:24
S1	4	"5365815"	US-PGPUB; USPAT	OR	ON	2003/04/10 08:55
S2	16	("3222968" "3320864" "3371584" "3435737" "3827322" "4295842" "4306476" "4367069" "4499802" "4561334" "4608895" "4691603" "4759247" "4905599" "5087237" "5111725").PN.	USPAT	OR	ON	2003/04/09 17:51
S3	605	83/23	US-PGPUB; USPAT	OR	ON	2003/04/09 18:30
S4	129	83/23 and die	US-PGPUB; USPAT	OR	ON	2003/04/09 18:32
S5	18	(83/23 and die) and stripper	US-PGPUB; USPAT	OR	ON	2003/04/09 18:31
S6	57	(83/23 and die) and (stripper or removal)	US-PGPUB; USPAT	OR	ON	2003/04/09 18:32
S7	37	83/23 and die and (strip\$5 or remov\$4) and rotary	US-PGPUB; USPAT	OR	ON	2003/04/09 18:40
S8	59	83/345 and die and (strip\$5 or remov\$4) and rotary	US-PGPUB; USPAT	OR	ON	2003/04/09 18:56

EAST Search History

S9	64	("1168767" "1746048" "1766244" "1927728" "2055295" "2791276" "2837025" "2898854" "3008366" "3128681" "3172321" "3209630" "3257885" "3270602" "3522754" "3527127" "3530794" "3533355" "3618438" "3668752" "3670646" "3730092" "3744384" "3752042" "3789715" "3797351" "3810055" "3824927" "3850059" "3965786" "3975976" "3977283" "4004479" "4020724" "4127265" "4233873" "4237786" "4270910" "4289492" "4450740" "4537588" "4549454" "4645484" "4671152" "4726804" "4742769" "4809609" "4823659" "4878407" "4982639" "5074180" "5095830" "5109741" "5119707" "5178051" "5186108" "5211096" "5230271" "5555786" "5570620" "5636559" "5697277" "5701789" "5782156").PN.	USPAT	OR	ON	2003/04/09 18:45
S10	64	("1168767" "1746048" "1766244" "1927728" "2055295" "2791276" "2837025" "2898854" "3008366" "3128681" "3172321" "3209630" "3257885" "3270602" "3522754" "3527127" "3530794" "3533355" "3618438" "3668752" "3670646" "3730092" "3744384" "3752042" "3789715" "3797351" "3810055" "3824927" "3850059" "3965786" "3975976" "3977283" "4004479" "4020724" "4127265" "4233873" "4237786" "4270910" "4289492" "4450740" "4537588" "4549454" "4645484" "4671152" "4726804" "4742769" "4809609" "4823659" "4878407" "4982639" "5074180" "5095830" "5109741" "5119707" "5178051" "5186108" "5211096" "5230271" "5555786" "5570620" "5636559" "5697277" "5701789" "5782156").PN.	USPAT	OR	ON	2003/04/09 18:49
S11	3	"6026725".URPN.	USPAT	OR	ON	2003/04/09 18:52

EAST Search History

S12	67	83/343 and die and (strip\$5 or remov\$4) and rotary	US-PGPUB; USPAT	OR	ON	2003/04/09 18:59
S13	67	83/663 and die and (strip\$5 or remov\$4) and rotary	US-PGPUB; USPAT	OR	ON	2003/04/09 19:02
S14	28	83/700 and die and (strip\$5 or remov\$4) and rotary	US-PGPUB; USPAT	OR	ON	2003/04/09 19:08
S15	15	83/154 and die and (strip\$5 or remov\$4) and rotary	US-PGPUB; USPAT	OR	ON	2003/04/09 19:09
S16	0	83/154 and (strip\$5 or remov\$4) and (rotary same die same cover)	US-PGPUB; USPAT	OR	ON	2003/04/09 19:09
S17	48	"83"/\$.ccls. and (strip\$5 or remov\$4) and (rotary same die same cover)	US-PGPUB; USPAT	OR	ON	2003/04/10 09:40
S18	176	83/117	US-PGPUB; USPAT	OR	ON	2003/04/10 09:06
S19	14	("0336335" "0545711" "1473089" "1751562" "1983708" "2327530" "2899871" "3186274" "3499370" "3807262" "3946627" "4224851" "4306476" "4896573").PN.	USPAT	OR	ON	2003/04/10 08:59
S20	8	"5111725".URPN.	USPAT	OR	ON	2003/04/10 09:00
S21	95	83/27 and die	US-PGPUB; USPAT	OR	ON	2003/04/10 09:12
S22	41	83/111 and die	US-PGPUB; USPAT	OR	ON	2003/04/10 09:18
S23	12	83/118 and die	US-PGPUB; USPAT	OR	ON	2003/04/10 09:20
S24	59	83/124 and die	US-PGPUB; USPAT	OR	ON	2003/04/10 09:23
S25	83	83/128 and die	US-PGPUB; USPAT	OR	ON	2003/04/10 09:28
S26	29	83/132 and die	US-PGPUB; USPAT	OR	ON	2003/04/10 09:29
S27	82	83/138 and die	US-PGPUB; USPAT	OR	ON	2003/04/10 09:30
S28	106	83/139 and die	US-PGPUB; USPAT	OR	ON	2003/04/10 09:32
S29	51	83/142 and die	US-PGPUB; USPAT	OR	ON	2003/04/10 09:33
S30	64	83/145 and die	US-PGPUB; USPAT	OR	ON	2003/04/10 09:36
S31	70	83/347-348.ccls. and die	US-PGPUB; USPAT	OR	ON	2003/04/10 09:36

EAST Search History

S32	0	"219"/\$.ccls. and (strip\$5 or remov\$4) and (rotary same die same cover)	US-PGPUB; USPAT	OR	ON	2003/04/10 09:41
S33	14	"219"/\$.ccls. and (strip\$5 or remov\$4) and (rotary same die) and cover	US-PGPUB; USPAT	OR	ON	2003/04/10 09:42
S34	207	"156"/\$.ccls. and (strip\$5 or remov\$4) and (rotary same die) and cover	US-PGPUB; USPAT	OR	ON	2003/04/10 09:45
S35	78	"493"/\$.ccls. and (strip\$5 or remov\$4) and (rotary same die) and cover	US-PGPUB; USPAT	OR	ON	2003/04/10 09:46
S36	107	"83"/\$.ccls. and (rotary same die) and ((strip\$4 or blank\$4 or removal or eject\$4) same (waste or scrap))	US-PGPUB; USPAT	OR	ON	2003/04/10 10:07
S37	476	(rotary same die) and ((strip\$4 or blank\$4 or removal or eject\$4) same (waste or scrap))	US-PGPUB; USPAT	OR	ON	2003/04/10 10:08
S38	16	("3222968" "3320864" "3371584" "3435737" "3827322" "4295842" "4306476" "4367069" "4499802" "4561334" "4608895" "4691603" "4759247" "4905599" "5087237" "5111725").PN.	USPAT	OR	ON	2003/04/10 10:18
S39	3	"5365815".URPN.	USPAT	OR	ON	2003/04/10 10:20
S40	10	("2711935" "2986086" "3320864" "3359843" "3371584" "3467450" "3513756" "3877353" "4367069" "4613321").PN.	USPAT	OR	ON	2003/04/10 10:21
S41	3	"5087237".URPN.	USPAT	OR	ON	2003/04/10 10:21
S42	14	("0336335" "0545711" "1473089" "1751562" "1983708" "2327530" "2899871" "3186274" "3499370" "3807262" "3946627" "4224851" "4306476" "4896573").PN.	USPAT	OR	ON	2003/04/10 10:21
S43	8	"5111725".URPN.	USPAT	OR	ON	2003/04/10 10:23
S44	5	("1290301" "1487661" "3435737" "4137829" "4295842").PN.	USPAT	OR	ON	2003/04/10 10:23
S45	7	"4561334".URPN.	USPAT	OR	ON	2003/04/10 10:24
S46	7	"4561334".URPN.	USPAT	OR	ON	2003/04/10 10:27
S47	5	("0687905" "1466001" "2711676" "3877353" "3949653").PN.	USPAT	OR	ON	2003/04/10 10:27
S48	8	"4367069".URPN.	USPAT	OR	ON	2003/04/10 10:28

EAST Search History

S49	7	("3167985" "3618438" "3805657" "3946627" "3964655" "4305716" "4306476").PN.	USPAT	OR	ON	2003/04/10 10:29
S50	14	"4499802".URPN.	USPAT	OR	ON	2003/04/10 10:31
S51	10	("2778286" "3270602" "3371584" "3380327" "3391589" "3643553" "3877353" "3899947" "3956974" "4031816").PN.	USPAT	OR	ON	2003/04/10 10:32
S52	13	"4295842".URPN.	USPAT	OR	ON	2003/04/10 10:32
S53	4	"3435737".URPN.	USPAT	OR	ON	2003/04/10 10:32
S54	3	("1942773" "2327530" "3167985").PN.	USPAT	OR	ON	2003/04/10 10:33
S55	6	"3827322".URPN.	USPAT	OR	ON	2003/04/10 10:33
S56	7	"3320864".URPN.	USPAT	OR	ON	2003/04/10 10:33
S57	10	("1110238" "3322012" "3485146" "3578761" "4224851" "4561334" "4597317" "4608895" "4770078" "5067380").PN.	USPAT	OR	ON	2003/04/10 10:34
S58	10	("1110238" "3322012" "3485146" "3578761" "4224851" "4561334" "4597317" "4608895" "4770078" "5067380").PN.	USPAT	OR	ON	2003/04/10 10:34
S59	7	"5417132".URPN.	USPAT	OR	ON	2003/04/10 10:35
S60	6	("2346230" "4102735" "4135964" "4934231" "5714079" "5761982").PN.	USPAT	OR	ON	2003/04/10 10:36
S61	1	"6136209".URPN.	USPAT	OR	ON	2003/04/10 10:36
S62	20	("2598649" "2751005" "2771534" "3138985" "3485146" "3522762" "3611500" "3677122" "3850059" "3866497" "4016786" "4020725" "4248117" "4825739" "4934231" "5176613" "5370028" "5488889" "5565059" "5582571").PN.	USPAT	OR	ON	2003/04/10 10:36
S63	1	"5983768".URPN.	USPAT	OR	ON	2003/04/10 10:37
S64	4	("2341503" "3527123" "3535967" "3705526").PN.	USPAT	OR	ON	2003/04/10 10:38
S65	9	"3835746".URPN.	USPAT	OR	ON	2003/04/10 10:38
S66	9	"3835746".URPN.	USPAT	OR	ON	2003/04/10 10:39
S67	4	("2037469" "2450312" "2546069" "2736380").PN.	USPAT	OR	ON	2003/04/10 10:39
S68	13	"4224851".URPN.	USPAT	OR	ON	2003/04/10 10:39

EAST Search History

S69	9	("3046824" "3167985" "3282142" "3827322" "4075918" "4499802" "4522095" "5111725" "5636559").PN.	USPAT	OR	ON	2003/04/10 10:40
S70	0	"5881620".URPN.	USPAT	OR	ON	2003/04/10 10:40
S71	0	"5881620".URPN.	USPAT	OR	ON	2003/04/10 10:40
S72	3	("0613397" "3270602" "3479931").PN.	USPAT	OR	ON	2003/04/10 10:40
S73	14	"3552244".URPN.	USPAT	OR	ON	2003/04/10 10:41
S74	12	("0168011" "0623862" "0687905" "2113843" "2302855" "2522154" "2679291" "3188900" "3395598" "3524364" "3552244" "3807262").PN.	USPAT	OR	ON	2003/04/10 10:41
S75	8	"3946627".URPN.	USPAT	OR	ON	2003/04/10 10:42
S76	13	("1110238" "3322012" "3485146" "3512431" "3550479" "3578761" "3895947" "4224851" "4561334" "4597317" "4608895" "4770078" "5067380").PN.	USPAT	OR	ON	2003/04/10 10:43
S77	4	"5575185".URPN.	USPAT	OR	ON	2003/04/10 10:44
S78	9	"3167985".URPN.	USPAT	OR	ON	2003/04/10 10:44
S79	13	("2899849" "3059506" "3062083" "3120601" "3194090" "3373643" "4112827" "4326434" "4568323" "4729274" "4945798" "4955855" "5021042").PN.	USPAT	OR	ON	2003/04/10 10:44
S80	6	"5370028".URPN.	USPAT	OR	ON	2003/04/10 10:46
S81	7	("3119312" "3527123" "3214106" "3008366" "3496841" "3277756" "2674026").PN.	USPAT	OR	ON	2003/04/10 10:46
S82	7	"83"/\$.ccls. and (ejector same (scrape or waste or workpiece) same (rubber or elastic))	US-PGPUB; USPAT	OR	ON	2003/04/10 11:12
S83	5	"83"/\$.ccls. and eject\$4 and (scrape or waste or workpiece) and (rubber or elastic) and cone	US-PGPUB; USPAT	OR	ON	2003/04/10 11:14
S84	463	"83"/\$.ccls. and eject\$4 and (scrape or waste or workpiece)	US-PGPUB; USPAT	OR	ON	2003/04/10 11:19
S85	224	("83"/\$.ccls. and eject\$4 and (scrape or waste or workpiece)) and die	US-PGPUB; USPAT	OR	ON	2003/04/10 11:17

EAST Search History

S86	37	("83"/\$.ccls. and eject\$4 and (scrape or waste or workpiece)) and (rotary same die)	US-PGPUB; USPAT	OR	ON	2003/04/10 11:17
S87	0	"83"/\$.ccls. and (stripper same (elastic or rubber) same cone)	US-PGPUB; USPAT	OR	ON	2003/04/10 11:21
S88	5	"83"/\$.ccls. and stripper and (elastic or rubber) and cone	US-PGPUB; USPAT	OR	ON	2003/04/10 11:22
S89	31	"83"/\$.ccls. and stripper and cone	US-PGPUB; USPAT	OR	ON	2003/04/10 11:23
S90	536	"83"/\$.ccls. and stripper and die	US-PGPUB; USPAT	OR	ON	2003/04/10 11:24
S91	19	("83"/\$.ccls. and stripper and die) and cone	US-PGPUB; USPAT	OR	ON	2003/04/10 11:24
S92	130	("83"/\$.ccls. and stripper and die) and (rubber or elastic or elastomeric)	US-PGPUB; USPAT	OR	ON	2003/04/10 11:29
S93	559	"83"/\$.ccls. and (rotary same die)	US-PGPUB; USPAT	OR	ON	2003/04/10 11:49
S94	720	"72"/\$.ccls. and (rotary same die)	US-PGPUB; USPAT	OR	ON	2003/04/10 11:49
S95	110	"72"/\$.ccls. and (rotary same die) and eject\$4	US-PGPUB; USPAT	OR	ON	2003/04/10 11:50
S96	351	"72"/\$.ccls. and (rotary same die) and (eject\$4 or removal or strip\$4)	US-PGPUB; USPAT	OR	ON	2003/04/10 11:59
S97	197	"425"/\$.ccls. and (rotary near4 die) and (eject\$4 or removal or strip\$4)	US-PGPUB; USPAT	OR	ON	2003/04/10 12:05
S98	0	"460"/\$.ccls. and (rotary near4 die) and (eject\$4 or removal or strip\$4)	US-PGPUB; USPAT	OR	ON	2003/04/10 12:05
S99	4	"242"/\$.ccls. and (rotary adj die) and (eject\$4 or removal or strip\$4)	US-PGPUB; USPAT	OR	ON	2003/04/10 13:50
S100	708	"83"/\$.ccls. and (rotary same strip\$4)	US-PGPUB; USPAT	OR	ON	2003/04/10 13:25
S101	16	("3222968" "3320864" "3371584" "3435737" "3827322" "4295842" "4306476" "4367069" "4499802" "4561334" "4608895" "4691603" "4759247" "4905599" "5087237" "5111725").PN.	USPAT	OR	ON	2003/04/10 13:29
S102	3	"5365815".URPN.	USPAT	OR	ON	2003/04/10 13:31
S103	16	((friction or traction) adj (mat or cover)) and cone	US-PGPUB; USPAT	OR	ON	2003/04/10 13:51
S104	240	(friction or traction) adj (mat or cover)	US-PGPUB; USPAT	OR	ON	2003/04/10 13:59

EAST Search History

S10 5	9	("1375666" "1400478" "1425101" "2486911" "2975977" "3202358" "3630440" "3836075" "3910491").PN.	USPAT	OR	ON	2003/04/10 13:56
S10 6	9	"4223835".URPN.	USPAT	OR	ON	2003/04/10 13:56
S10 7	408	83/152	US-PGPUB; USPAT	OR	ON	2003/04/10 14:00
S10 8	107	83/152 and grip\$4	US-PGPUB; USPAT	OR	ON	2003/04/10 15:07
S10 9	83	83/132	US-PGPUB; USPAT	OR	ON	2003/04/10 15:09
S11 0	232	83/128	US-PGPUB; USPAT	OR	ON	2003/04/10 15:09
S11 1	19	83/128 and stripper	US-PGPUB; USPAT	OR	ON	2003/04/10 15:09
S11 2	70	83/128 and (stripper or eject\$4)	US-PGPUB; USPAT	OR	ON	2003/04/10 15:13
S11 3	96	83/139 and (stripper or eject\$4)	US-PGPUB; USPAT	OR	ON	2003/04/10 15:15
S11 4	145	76/107	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/11 10:32
S11 5	1404	76/107.1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2003/04/11 10:33
S11 6	0	"10034441"	US-PGPUB; USPAT	OR	ON	2004/11/30 14:14
S11 7	2	"10/034441"	US-PGPUB; USPAT	OR	ON	2004/11/30 14:14
S11 8	39	83/343.ccls. and die	US-PGPUB; USPAT	OR	ON	2004/11/30 14:54
S11 9	150	83/343.ccls. and (die or cut\$6)	US-PGPUB; USPAT	OR	ON	2004/11/30 14:58
S12 0	81	83/343.ccls. and (die or cut\$6) same (strip\$6 or remov\$7)	US-PGPUB; USPAT	OR	ON	2004/11/30 14:59
S12 1	106	83/663.ccls. and (die or cut\$6) same (strip\$6 or remov\$7)	US-PGPUB; USPAT	OR	ON	2004/11/30 14:59
S12 2	106	83/663.ccls. and ((die or cut\$6) same (strip\$6 or remov\$7))	US-PGPUB; USPAT	OR	ON	2004/11/30 14:59
S12 3	28	83/663.ccls. and ((die) same (strip\$6 or remov\$7))	US-PGPUB; USPAT	OR	ON	2004/11/30 15:00

EAST Search History

S12 4	0	83/700.ccls. and ((die) same (strip\$6 or remov\$7))	US-PGPUB; USPAT	OR	ON	2004/11/30 15:02
S12 5	7	83/154.ccls. and ((die) same (strip\$6 or remov\$7))	US-PGPUB; USPAT	OR	ON	2004/11/30 15:03
S12 6	10	83/111.ccls. and ((die) same (strip\$6 or remov\$7))	US-PGPUB; USPAT	OR	ON	2004/11/30 15:04
S12 7	128	83/111.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:05
S12 8	104	83/117.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:09
S12 9	194	83/27.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:12
S13 0	104	83/117.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:12
S13 1	43	83/118.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:14
S13 2	119	83/124.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:16
S13 3	54	83/132.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:17
S13 4	71	83/138.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:19
S13 5	114	83/139.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:20
S13 6	48	83/142.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:21
S13 7	233	83/145.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:25
S13 8	226	83/347.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:31
S13 9	184	83/348.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:34
S14 0	280	83/152.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:34
S14 1	154	76/107	US-PGPUB; USPAT	OR	ON	2004/11/30 15:36
S14 2	1229	76/107.1	US-PGPUB; USPAT	OR	ON	2004/11/30 15:36
S14 3	1120	76/107.1.ccls.	US-PGPUB; USPAT	OR	ON	2004/11/30 15:36
S14 4	10	("3371584").URPN.	USPAT	OR	ON	2004/11/30 15:46

EAST Search History

S14 5	6	("0613397" "3270602" "3479931").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/30 15:47
S14 6	14	("3552244").URPN.	USPAT	OR	ON	2004/11/30 15:48
S14 7	14	("3552244").URPN.	USPAT	OR	ON	2004/11/30 15:49
S14 8	6	("1942773" "2327530" "3167985").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/30 15:50
S14 9	7	("3827322").URPN.	USPAT	OR	ON	2004/11/30 15:50
S15 0	7	("3827322").URPN.	USPAT	OR	ON	2004/11/30 15:54
S15 1	22	("0168011" "0623862" "0687905" "2113843" "2302855" "2522154" "2679291" "3188900" "3395598" "3524364" "3552244" "3807262").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/30 15:54
S15 2	9	("3946627").URPN.	USPAT	OR	ON	2004/11/30 15:55
S15 3	8	("2037469" "2450312" "2546069" "2736380").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/30 15:58
S15 4	14	("4224851").URPN.	USPAT	OR	ON	2004/11/30 15:58
S15 5	9	("3167985" "3618438" "3805657" "3946627" "3964655" "4305716" "4306476").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/30 15:59
S15 6	16	("4499802").URPN.	USPAT	OR	ON	2004/11/30 16:00
S15 7	8	("1290301" "1487661" "3435737" "4137829" "4295842").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/30 16:01
S15 8	10	("4561334").URPN.	USPAT	OR	ON	2004/11/30 16:01
S15 9	13	("1110238" "3322012" "3485146" "3578761" "4224851" "4561334" "4597317" "4608895" "4770078" "5067380").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/30 16:02
S16 0	9	("5417132").URPN.	USPAT	OR	ON	2004/11/30 16:03
S16 1	12	("3046824" "3167985" "3282142" "3827322" "4075918" "4499802" "4522095" "5111725" "5636559").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/11/30 16:03

EAST Search History

S16 2	2	("5881620").URPN.	USPAT	OR	ON	2004/11/30 16:04
S16 3	232	83/343.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 08:47
S16 4	289	83/663.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 08:57
S16 5	105	83/117.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 09:02
S16 6	197	83/27.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 09:12
S16 7	8	("1290301" "1487661" "3435737" "4137829" "4295842").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/04 09:04
S16 8	128	83/111.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 09:16
S16 9	119	83/124.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 09:21
S17 0	54	83/132.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 09:24
S17 1	71	83/138.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 09:26
S17 2	114	83/139.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 09:28
S17 3	48	83/142.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 09:29
S17 4	228	83/347.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 09:36
S17 5	233	83/145.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 09:59
S17 6	9	("0534884" "0909853" "1096733" "2341956" "4638934").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/04 09:56
S17 7	3	("5303623").URPN.	USPAT	OR	ON	2005/08/04 09:57
S17 8	185	83/348.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 10:02
S17 9	0	76/107.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 10:02
S18 0	1121	76/107.1.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 10:02
S18 1	10	("3371584").URPN.	USPAT	OR	ON	2005/08/04 10:06

EAST Search History

S18 2	15	("2778286" "3270602" "3371584" "3380327" "3391589" "3643553" "3877353" "3899947" "3956974" "4031816").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/04 10:11
S18 3	15	("4295842").URPN.	USPAT	OR	ON	2005/08/04 10:13
S18 4	8	("0687905" "1466001" "2711676" "3877353" "3949653").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/04 10:14
S18 5	8	("4367069").URPN.	USPAT	OR	ON	2005/08/04 10:14
S18 6	8	("1290301" "1487661" "3435737" "4137829" "4295842").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/04 10:15
S18 7	10	("4561334").URPN.	USPAT	OR	ON	2005/08/04 10:15
S18 8	17	("2711935" "2986086" "3320864" "3359843" "3371584" "3467450" "3513756" "3877353" "4367069" "4613321").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/04 10:16
S18 9	5	("5087237").URPN.	USPAT	OR	ON	2005/08/04 10:17
S19 0	20	("3222968" "3320864" "3371584" "3435737" "3827322" "4295842" "4306476" "4367069" "4499802" "4561334" "4608895" "4691603" "4759247" "4905599" "5087237" "5111725").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/04 10:18
S19 1	18	("3270602").URPN.	USPAT	OR	ON	2005/08/04 10:19
S19 2	12	("0475246" "3320864" "3371584" "3404607" "3435737" "3503309").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/04 10:21
S19 3	9	("3877353").URPN.	USPAT	OR	ON	2005/08/04 10:21
S19 4	18	("3270602").URPN.	USPAT	OR	ON	2005/08/04 11:25
S19 5	21	"4295842"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/04 11:27
S19 6	15	"4561334"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/04 11:42

EAST Search History

S19 7	415	83/102.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/04 11:42
S19 8	259	83/102.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 11:45
S19 9	128	83/113.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 11:47
S20 0	35	83/115.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 11:47
S20 1	180	83/146.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 14:29
S20 2	4	"5881620"	US-PGPUB; USPAT	OR	ON	2005/08/04 14:29
S20 3	4393	"198"/\$.ccls. and (grip\$6)	US-PGPUB; USPAT	OR	ON	2005/08/04 18:44
S20 4	2542	"198"/\$.ccls. and (grip)	US-PGPUB; USPAT	OR	ON	2005/08/04 18:45
S20 5	2542	"198"/\$.ccls. and grip	US-PGPUB; USPAT	OR	ON	2005/08/04 18:49
S20 6	74	83/865.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 18:49
S20 7	43	83/866.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 18:51
S20 8	214	83/879.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/04 18:52
S20 9	1078	83/13.ccls.	US-PGPUB; USPAT	OR	ON	2005/08/08 10:09
S21 0	260	83/343.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/02 09:27
S21 1	232	83/343.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/02 09:34
S21 2	297	83/663.ccls.	US-PGPUB; USPAT	OR	ON	2005/11/02 09:34
S21 3	260	83/343.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:56
S21 4	232	83/343.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 13:57

EAST Search History

S21 5	298	83/663.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 13:59
S21 6	105	83/117.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:00
S21 7	200	83/27.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:01
S21 8	129	83/111.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:01
S21 9	119	83/124.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:02
S22 0	54	83/132.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:02
S22 1	71	83/138.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:03
S22 2	115	83/139.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:04
S22 3	48	83/142.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:04
S22 4	229	83/347.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:05
S22 5	234	83/145.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:06
S22 6	186	83/348.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:07
S22 7	261	83/102.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:07
S22 8	129	83/113.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:08
S22 9	35	83/115.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:09
S23 0	180	83/146.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:09
S23 1	232	83/886.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:10
S23 2	221	83/879.ccls.	US-PGPUB; USPAT	OR	ON	2006/01/04 14:10
S23 3	235	83/343.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 14:08
S23 4	303	83/663.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 14:15
S23 5	186	83/673.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 14:16
S23 6	230	83/116-118.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 14:24

EAST Search History

S23 7	200	83/27.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 14:28
S23 8	129	83/111.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 14:30
S23 9	119	83/124.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 14:34
S24 0	54	83/132.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 14:35
S24 1	183	83/138-139.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 15:01
S24 2	48	83/142.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 15:02
S24 3	230	83/347.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 15:08
S24 4	234	83/145.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 15:13
S24 5	187	83/348.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 15:41
S24 6	262	83/102.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 15:43
S24 7	129	83/113.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 15:50
S24 8	35	83/115.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 15:51
S24 9	180	83/146.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 15:53
S25 0	234	83/886.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 16:09
S25 1	4	("3827340" "3993231" "4217683" "4416652").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 15:58
S25 2	4	("5398580").URPN.	USPAT	OR	ON	2006/04/17 15:59
S25 3	4	("1123532" "2181314").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 16:07
S25 4	2	("3593899").URPN.	USPAT	OR	ON	2006/04/17 16:07
S25 5	224	83/879.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/17 16:16
S25 6	21328	cones near2 truncat\$	US-PGPUB; USPAT	OR	ON	2006/04/17 16:17
S25 7	433	(cones near2 truncat\$) same grip\$	US-PGPUB; USPAT	OR	ON	2006/04/17 16:17

EAST Search History

S25 8	125	271/18.3.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 11:01
S25 9	109	271/10.09.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/20 16:28
S26 0	223	271/10.11.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/20 16:28
S26 1	14	("3176979" "3672249" "4372548" "4392766" "4579331" "4638749" "4679784" "4822022" "5039078" "5087315" "5090669" "5230764" "5356126").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/20 16:38
S26 2	1	("5496021").URPN.	USPAT	OR	ON	2006/04/20 16:38
S26 3	12	("3253824" "3353821" "3406961" "3547432" "3550932" "3588091").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/20 16:58
S26 4	1	10/630342	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/20 16:58
S26 5	65	271/18.3.ccls. and "25"	US-PGPUB; USPAT	OR	ON	2006/04/24 11:05
S26 6	125	271/18.3.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 11:10
S26 7	109	271/10.09.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 11:13
S26 8	223	271/10.11.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 11:20
S26 9	70	271/141-142.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/24 11:20
S27 0	25	"271"/\$.ccls. and (square near4 in)	US-PGPUB; USPAT	OR	ON	2006/04/24 11:31
S27 1	0	"271"/\$.ccls. and (square near4 in)	USOCR	OR	ON	2006/04/24 11:31
S27 2	129	"271"/\$.ccls. and (square near4 (in or inch))	US-PGPUB; USPAT	OR	ON	2006/04/24 11:32
S27 3	105	"271"/\$.ccls. and (square near4 (inch))	US-PGPUB; USPAT	OR	ON	2006/04/24 11:36
S27 4	685	(projection or neddle or pin) near7 (square near4 (inch))	US-PGPUB; USPAT	OR	ON	2006/04/24 11:36
S27 5	279	(projection or neddle or pin) near2 (square near4 (inch))	US-PGPUB; USPAT	OR	ON	2006/04/24 13:41
S27 6	20	"3270602"	US-PGPUB; USPAT	OR	ON	2006/04/24 13:41